NORRIS MCLAUGHLIN

## **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

## Listing of Claims:

1. (Currently Amended) A compound of the formula (I),

$$R^2$$
 $A$ 
 $SO_2$ 
 $NH$ 
 $R^3$ 

wherein

- A represents a single bond,
- Q represents oxygen or sulphur,
- represents hydrogen or formyl or represents in each case optionally cyano-, fluoro-, chloro-, bromo-, phenyl- or C<sub>1</sub>-C<sub>4</sub>-alkoxy-substituted alkyl, alkenyl, alkinyl, alkylcarbonyl, alkoxycarbonyl or alkylsulphonyl having in each case up to 6 carbon atoms, or represents in each case optionally cyano-, fluoro-, chloro-, bromo- or C<sub>1</sub>-C<sub>4</sub>-alkyl-substituted C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, C<sub>3</sub>-C<sub>6</sub>- cycloalkyl-carbonyl or C<sub>3</sub>-C<sub>6</sub>-cycloalkyl-sulphonyl,

USSN 10/603,997 Amendment Under 37 CFR §1.111

- R<sup>2</sup> represents cyano, fluoro, chloro or bromo or represents in each case optionally cyano-, fluoro-, chloro-, bromo- or C<sub>1</sub>-C<sub>4</sub>-alkoxy-substituted alkyl, alkenyl, alkinyl, alkoxy, alkenyloxy or alkinyloxy having in each case up to 6 carbon atoms, and
- R<sup>3</sup> represents in each case optionally substituted heterocyclyl of the formula below,

in which

- Q<sup>1</sup> represents oxygen or sulphur, and
- represents hydrogen, or amino, or represents C<sub>2</sub>-C<sub>10</sub>-alkylideneamino, or represents optionally fluoro-, chloro-, bromo-, cyano-, C<sub>1</sub>-C<sub>4</sub>-alkoxy-, C<sub>1</sub>-C<sub>4</sub>-alkyl-carbonyl- or C<sub>1</sub>-C<sub>4</sub>-alkoxy-carbonyl-substituted C<sub>1</sub>-C<sub>6</sub> [C<sup>6</sup>] alkyl, or represents in each case optionally fluoro-, chloro- and/or bromosubstituted [C<sup>2</sup>-C<sup>6</sup>] C<sub>2</sub>-C<sub>6</sub>-alkenyl or [C<sup>2</sup> <sup>6</sup>] C<sub>2</sub>-C<sub>6</sub>-alkinyl, or represents in each case optionally fluoro-, chloro-, bromo-, cyano-, C<sub>1</sub>-C<sub>4</sub>-alkoxy- or

USSN 10/603,997 Amendment Under 37 CFR §1.111 2128080844

C1-C4-alkoxy-carbonyl-substituted C1-C6-alkoxy, C1-C6-alkylamino or C1-C<sub>6</sub>-alkyl-carbonylamino, or represents C<sub>3</sub>-C<sub>6</sub>-alkenyloxy, or represents di-(C1-C6-alkyl)-amino, or represents in each case optionally fluoro-, chloro-, bromo-, cyano- and/or C1-C4-alkyl-substituted C3-C6-cycloalkyl, C3-C6cycloalkylamino or C3-C6-cycloalkyl-C1-C4 -alkyl,

 $R^5$ represents hydrogen, or represents optionally fluoro-, chloro-, bromo-, cyano-, C1-C4-alkoxy-, C1-C4-alkyl-carbonyl- or C1-C4-alkoxy-carbonylsubstituted C1-C6-alkyl, or represents in each case optionally fluoro-, chloro- and/or bromo-substituted C2-C6-alkenyl or C2-C6-alkinyl, or represents in each case optionally fluoro-, chloro-, cyano-, C1-C4-alkoxyor C1-C4-alkoxy\carbonyl-substituted C1-C6-alkoxy, C1-C6-alkylthio, C1-C<sub>6</sub>-alkylamino or C<sub>1</sub>-C<sub>6</sub>-alkyl-carbonylamino, or represents C<sub>3</sub>-C<sub>6</sub>alkenyloxy, C3-C6-alkinyloxy, C3-C6-alkenylthio, C3-C6-alkinylthio, C3-C<sub>6</sub>-alkenylamino or C<sub>3</sub>-C<sub>6</sub>-alkinylamino, or represents di-(C<sub>1</sub>-C<sub>4</sub>-alkyl)amino, or represents in each case optionally fluoro-, chloro-, bromo-, cyano- and/or C<sub>1</sub>-C<sub>4</sub>-alk'yl-substituted C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, C<sub>5</sub>-C<sub>6</sub>cycloalkenyl, C3-C6-cycloalkyloxy, C3-C6-cycloalkylthio, C3-C6cycloalkylamino, C3-C6-cycloalkyl-C1-C4-alkyl, C3-C6-cycloalkyl-C1-C4alkoxy, C3-C6-cycloalkyl-C1-C4-alkylthio or C3-C6-cycloalkyl-C1-C4alkylamino, or represents in each case optionally fluoro-, chloro, bromo-, cyano-, nitro-, C1-C4-alkyl-, trifluoromethyl-, C1-C4-alkoxy- and/or C1-C4-

USSN 10/603,997 Amendment Under 37 CFR §1.111

Page 5

alkoxy-carbonyl-substituted phenyl, phenoxy, phenyl- $C_1$ - $C_4$ -alkoxy, phenylthio, phenyl- $C_1$ - $C_4$ -alkylthio, or

R<sup>4</sup> and R<sup>5</sup> together represent optionally branched alkanediyl having 3 to 11 carbon atoms,

or a salt of the compound of formula (I),

and with the proviso that if  $R^1$  represents methyl then  $R^2$  does not represent 5-methoxy and if  $R^1$  represents ethyl then  $R^2$  does not represent 5-ethoxy.

- 2. (Currently Amended) A compound of the formula (I) according to claim 1, wherein
  - A represents a single bond,
  - Q represents oxygen or sulphur,
  - R<sup>1</sup> represents methyl, ethyl, n- or i-propyl,
  - R<sup>2</sup>. represents chloro or methyl, [-] in each case in position 5 or 6, [-] and
  - R<sup>3</sup> represents optionally substituted triazolinyl of the formula below,

in which

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- $Q^1$ represents oxygen or sulphur, and
- $R^4$ represents in each case optionally fluoro-, chloro-, cyano-, methoxy- or ethoxy-substituted methyl, ethyl, n- or i-propyl, or represents propenyl or propinyl, or represents methoxy, ethoxy, n- or i-propoxy, or represents cyclopropyl, and
- $\mathbb{R}^5$ represents hydrogen, or represents in each case optionally fluoro-, chloro-, cyano-, methoxy- or ethoxy-substituted methyl, ethyl, n- or i-propyl, or represents in each case optionally fluoro and/or chloro-substituted propenyl or propinyl, or represents in each case optionally fluoro-, chloro-, cyano-, methoxy- or ethoxy-substituted methoxy, ethoxy, n- or i-propoxy, methylthio, ethylthio, n- or i-propylthio, or represents propenyloxy or cyclopropyl,

and with the proviso that if R<sup>1</sup> represents methyl then R<sup>2</sup> does not represent 5-methoxy and if R<sup>1</sup> represents ethyl then R<sup>2</sup> does not represent 5-ethoxy.

USSN 10/603,997 Amendment Under 37 CFR §1.111

Page 7

- 3. (Original) A compound of the formula (I) according to claim 1, wherein
  - A represents a single bond,
  - Q represents oxygen or sulphur,
  - represents hydrogen or formyl, or represents in each case optionally fluoro-, chloro-, bromo-, methoxy- or ethoxy-substituted methyl, ethyl, nor i-propyl, n-, i- or s-butyl, propenyl, butenyl, propinyl, butinyl, acetyl, propionyl, butyroyl, methoxycarbonyl, ethoxycarbonyl, n- or i-propoxycarbonyl, methylsulphonyl, ethylsulphonyl, n- or i-propylsulphonyl, n-, i-, s- or t-butylsulphonyl, or represents in each case optionally fluoro-, chloro- or methyl-substituted cyclopropyl, cyclopropylcarbonyl or cyclopropylsulphonyl,
  - R<sup>2</sup> represents cyano, fluoro, chloro or bromo, or represents in each case optionally fluoro-, chloro-, methoxy- or ethoxy-substituted methyl, ethyl, n- or i-propyl, n-, i- or s-butyl, propenyl, butenyl, propinyl, butinyl, methoxy, ethoxy, n- or i-propoxy, n-, i- or s-butoxy, propenyloxy, butenyloxy, propinyloxy or butinyloxy and
  - R<sup>3</sup> represents in each case optionally substituted heterocyclyl of the formulae below,

USSN 10/603,997 Amendment Under 37 CFR §1.111

in which

- Q1 represents oxygen or sulphur, and
- $R^4$ represents hydrogen, or amino, or represents C<sub>3</sub>-C<sub>4</sub>alkylideneamino, or represents in each case optionally fluoro-, chloro-, cyano-, methoxy- or ethoxy-substituted methyl, ethyl, nor i-propyl, n-, i-, s- or t-butyl, or represents in each case optionally fluoro-, chloro- or bromo-substituted propenyl, butenyl, propinyl or butinyl, or represents in each case optionally fluoro-, chloro-, cyano-, methoxy- or ethoxy-substituted methoxy, ethoxy, n- or ipropoxy, n-, i-, s- or t-butoxy, methylamino, ethylamino, n- or ipropylamino, n-, i-, s- or t-butylamino, or represents propenyloxy or butenyloxy, or represents dimethylamino or diethylamino, or represents in each case optionally fluoro-, chloro-, methyl- and/or ethyl-substituted cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cyclopropylamino, cyclobutylamino, cyclopentylamino, cyclohexylamino, cyclopropylmethyl, cyclobutylmethyl, cyclopentylmethyl or cyclohexylmethyl,

USSN 10/603,997 Amendment Under 37 CFR §1.111

Page 9

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represents hydrogen, or represents in each case optionally fluoro-, chloro-, cyano-, methoxy- or ethoxy-substituted methyl, ethyl, nor i-propyl, n-, i-, s- or t-butyl, or represents in each case optionally fluoro-, chloro- or bromo-substituted ethenyl, propenyl, butenyl, propinyl or butinyl, or represents in each case optionally fluoro-, chloro-, cyano-, methoxy- or ethoxy-substituted methoxy, ethoxy, n- or i-propoxy, n-, i-, s- or t-butoxy, methylthio, ethylthio, n- or ipropylthio, n-, i-, s- or t-butylthio, methylamino, ethylamino, n- or i-propylamino, n-, i-, s- or t-butylamino, or represents propenyloxy, butenyloxy, propinyloxy, butinyloxy, propenylthio, propadienylthio, butenylthio, propinylthio, butinylthio, propenylamino, butenylamino, propinylamino or butinylantino, or represents dimethylamino, diethylamino or dipropylamino, or represents in each case optionally fluoro-, chloro-, methyl- and/or ethyl-substituted cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cyclopentenyl, cyclohexenyl, cyclopropyloxy, cyclobutyloxy, cyclopentyloxy, cyclohexyloxy, cyclopropylthio, cyclobutylthio, cyclopentylthio, cyclohexylthio, cyclopropylamino, cyclobutylamino, cyclopentylamino, cyclohexylamino, cyclopropylmethyl, cyclobutylmethyl, cyclopentylmethyl, cyclohexylmethyl, cyclopropylmethoxy, cyclobutylmethoxy, cyclopentylmethoxy, cyclohexylmethoxy, cyclopropylmethylthio,

USSN 10/603,997 Amendment Under 37 CFR §1.111

Page 10

cyclobutylmethylthio, cyclopentylmethylthio,
cyclohexylmethylthio, cyclopropylmethylamino,
cyclobutylmethylamino, cyclopentylmethylamino or
cyclohexylmethylamino, or represents in each case optionally
fluoro-, chloro-, methyl-, trifluoromethyl-, methoxy-and/or
methoxy-carbonyl substituted phenoxy, benzyloxy, phenylthio,
benzylthio, or

 $R^4$  and  $R^5$  together represent optionally branched alkanediyl having 3 to 11 carbon atoms,

with the proviso that if  $R^1$  represents methyl then  $R^2$  does not represent 5-methoxy and if  $R^1$  represents ethyl then  $R^2$  does not represent 5-ethoxy.

- 4. (Original) The compound of formula (I) according to claim 1 wherein
  - A represents a single bond,
  - Q represents oxygen,
  - R<sup>1</sup> represents 2,2-difluoro-ethyl,
  - R<sup>2</sup> represents (6-)ethyl, and

USSN 10/603,997 Amendment Under 37 CFR §1.111

Page 11

- $\mathbb{R}^3$ represents 4,5-dimethyl-2,4-dihydro-3H-1,2,4-triazol-3-on-2-yl.
- 5. An herbicidal composition comprising an herbicidally effective amount of (Original) a compound according to claim 1 and an inert carrier.
- 6. (Original) A method of controlling unwanted vegetation which comprises applying to such vegetation or to a locus from which it is desired to exclude such vegetation an herbicidally effective amount of a compound according to claim 1.

## STATUS OF PATENT CLAIMS AND SUPPORT FOR CLAIM AMENDMENTS

As a result of the foregoing amendment, the status of the patent claims is as follows:

Patent Claim 1

Pending

Patent Claim 2

Pending

Patent Claim 3

Pending

Patent Claim 4

Pending

Patent Claim 5

Pending

Patent Claim 6

Pending

Very minor amendments have been made to patent claims 1 and 2. In patent claim 1, in the definition of  $\mathbb{R}^4$ :

" $C_1$ - $C^6$  alkyl" has been changed to --  $C_1$ - $C_6$  alkyl --.

" $C^2$ - $C^6$ -alkenyl" has been changed to --  $C_2$ - $C_6$ -alkenyl --.

" $C^{2-6}$  alkinyl" has been changed to  $-C_2$ - $C_6$ -alkinyl --.

These changes are supported by the disclosure at column 4, lines 64-66.

In patent claim 2, in the definition of R<sup>2</sup>, the hyphens have been replaced by commas for easier reading, and the previous language and punctuation supports the new language and punctuation.

USSN 10/603,997 Amendment Under 37 CFR §1.111

Page 13